



202816

TELECONFERENCE SUMMARY

CH2MHILL

Sauget Area 2 GMCS - Biweekly Conference Call August 19, 2003

Project Progress Meeting

ATTENDEES: Nabil Fayoumi/USEPA Gary Vandiver/Solutia
Bruce Yare/Solutia Peter Barrett/CH2MHILL
Richard Williams/Solutia

COPIES: Nabil Fayoumi/USEPA
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FROM: Peter Barrett/CH2MHILL

DATE: August 22, 2003

This memorandum summarizes a teleconference meeting that took place on August 19, 2003. The purpose of the meeting was to receive an update from Solutia on the operation of the Groundwater Migration Control System (GMCS) that is being installed in Sauget Area 2, Site R, and to update the schedule for beginning construction of the slurry wall component of the GMCS.

The following items were discussed, based upon an agenda provided by Solutia:

1. Review of Operation of GMCS
2. Slurry Wall Schedule and Mobilization Progress
3. Solutias' Response-to-EPA-Comments on the Final Design Submittal
4. Groundwater Treatment Contingency Plan
5. Stormwater Treatment System

These topics are discussed below.

- **Review of Operation Of GMCS**

Solutia indicated that the GMCS was operating without problems at a discharge rate of approximately 200,000 gallons per day or about 145 gallons per minute. They reported no equipment problems and indicated that the effluent water quality was acceptable and within limits established by the American Bottoms Wastewater Treatment Facility (ABWTF). It was stressed by the EPA that the production rate needed to be increased as soon as possible to achieve the design rates required for effective hydraulic containment of the contaminated groundwater. Solutia responded by restating that the decision to ramp-up pumping rates was largely dependant on ABWTF's permission to accept the higher design loads. To help address this issue, it was agreed that Solutia would organize a meeting on behalf of Solutia and EPA with ABWTF to resolve this issue. The date for the meeting was provisionally set for September 11, 2003 to help correspond with Mr. Fayoumi's schedule.

- ***Slurry Wall Schedule and Mobilization Progress***

Solutia stated that the slurry wall construction schedule had been established and that work was proceeding according to the schedule. Mobilization of equipment and supplies had begun and pre-trenching excavation equipment was scheduled to arrive within the week. Solutia indicated that a large slurry holding pond would be constructed with clay berm walls to store slurry made by an onsite slurry mixing plant. Pre-trenching for the slurry wall construction will start along the N-S wall section beginning August 25, 2003.

- ***Solutia Response-to-EPA-Comments (Final Design Submittal)***

Solutia stated that they had provided responses to the final set of EPA comments on the Final Design submittal for the GCMS implementation. EPA agreed that the responses adequately addressed the outstanding comments, and that the design submittal could be finalized.

- ***Groundwater Treatment Contingency Plan***

A Groundwater Treatment Contingency Plan was submitted by Solutia to EPA on July 31, 2003. The plan will be reviewed by EPA and comments provided in September 2003.

- ***Stormwater Treatment System***

As part of the GCMS and the slurry wall construction project, a stormwater retention pond has been built onsite. The pond consists of two interconnected 250,000-gallon capacity aboveground "Modutanks" – hence the overall retention pond capacity is 500,000 gallons. Solutia explained that because the ponds will only receive stormwater, they can remain uncovered, open to the atmosphere because air emissions from contaminated water will not be a significant concern since groundwater will not be stored in the tank. The stormwater treatment plant comprises a filtration system linked to two carbon treatment columns...

- ***Other Issues***

The next project teleconference is scheduled for September 2, 2003.